



South Coast Air Quality Management District

Sunshine Canyon Landfill Town Hall Meeting

AUGUST 18, 2016

VAN GOGH ELEMENTARY SCHOOL



Agenda

Welcome

Wayne Nastri, Acting Executive Officer

**Update on SCAQMD Activities related to
Sunshine Canyon Landfill**

Philip Fine, Deputy Executive Officer
Planning and Rules

Order for Abatement Status

Nicholas Sanchez, Sr. Deputy District Counsel

Other Agency Comments

Agency Representatives

Public Comments

Members of the Public

Closing Remarks/Adjournment

Wayne Nastri



Update on SCAQMD Activities Related to Sunshine Canyon Landfill (SCL)

- **Emissions Audit**
- **SCAQMD website**
- **Complaint Response**
- **LA City Toxics Study**
- **Implement Stricter Measures to Address Odors**



SCL Emissions Audit

- “Criteria” pollutant and some toxic emissions reported by SCL every year
- Comprehensive list of toxics reported quadrennially (AB2588)
- 2014-2015 Emissions audit complete and updated in ‘FIND’ website
- Methodology used by SCL in 2015 to calculate emissions will be basis for method under development for all landfills in SCAQMD

SOUTH COAST AQMD

Facility INFORMATION Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

Emissions

Facility ID: 49111
Company Name: SUNSHINE CANYON LANDFILL
Address: 14747 SAN FERNANDO RD
SYLMAR, CA 91342

Select AER Year: 2015

Criteria Pollutants (Tons per Year):

Pollutant ID	Pollutant Description	Annual Emissions
CO	Carbon Monoxide	18.336
NOX	Nitrogen Oxides	14.515
PM	Particulate Matter	3.865
SOX	Sulfur Oxides	23.595
VOC	Volatile Organic Compounds	16.375

Toxic Pollutants (Pounds per Year):

Pollutant ID	Pollutant Description	Annual Emissions
1106990	1,3-Butadiene	15.545



SCL Emissions Audit – Health Risk Assessment (HRA) Request

- **SCAQMD has received request for a HRA to evaluate toxic emissions from SCL**
- **A HRA is a study that uses computer modeling to estimate potential toxic health risks in community from a facility's emissions**
- **HRAs typically prepared at beginning of process to help assess if an air quality concern exceeds SCAQMD thresholds**
 - **SCL air quality issues well recognized (odors) and SCAQMD now focused on mitigation**
 - **Toxics monitoring continuing, but past results have found toxic levels in community are consistent with typical levels found elsewhere in air basin**



SCL Emissions Audit – Health Risk Assessment (HRA) Request

- **SCAQMD can require a facility to prepare HRA under Rule 1402/AB2588 only if:**
 - **Conservative, screening level HRA using quadrennial toxics report is above SCAQMD threshold; or**
 - **Executive Officer has determined that risks could exceed action levels in Rule 1402 (e.g., cancer risk >25/million)**
- **SCAQMD is evaluating options for HRA**

Neither
Criteria
Has Been
Met



SCAQMD Website

Updates to include:

- Monthly complaint and NOV data
- Notices of upcoming Town Hall Meetings and related events
- Summary information from past Town Hall Meetings and related events
- Reports and other documents of interest

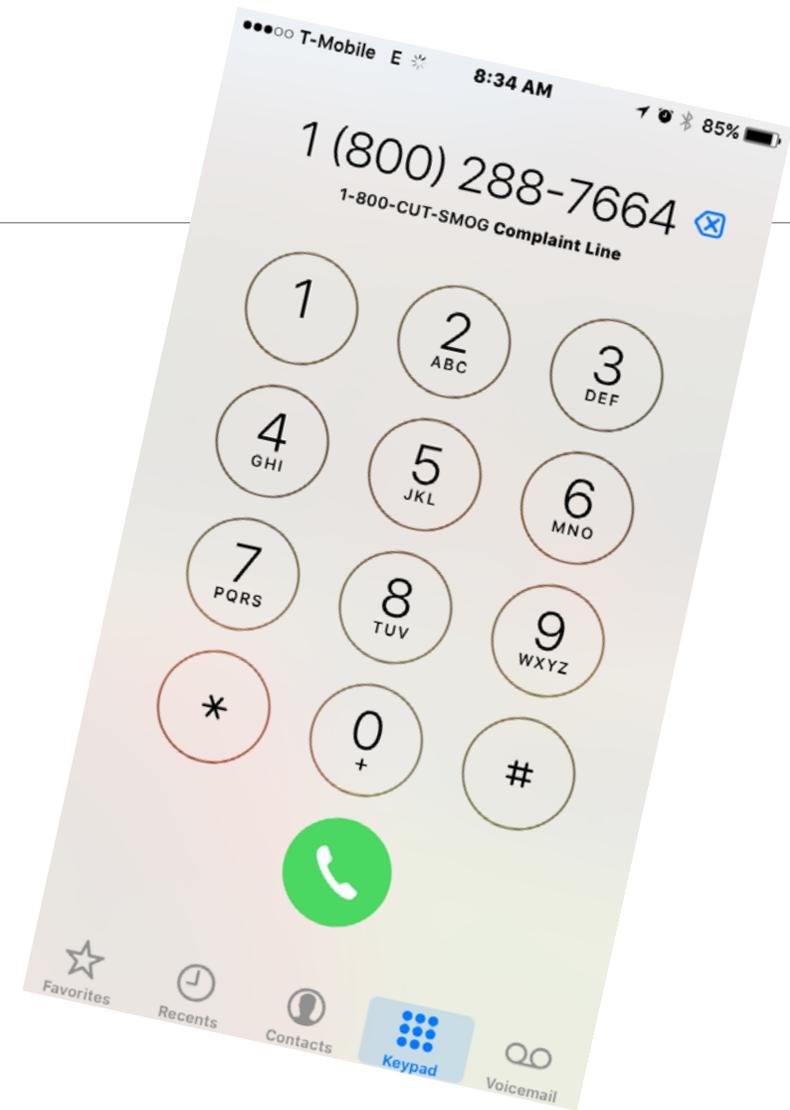
A screenshot of the SCAQMD website. The page title is "Town Hall Meetings - Sunshine Canyon Landfill". The main content area features a "TOWN HALL MEETING (PDF)" announcement for Thursday, August 18, 2016, at 6:00 p.m. at the Van Gogh Elementary School Auditorium. The announcement includes details about the meeting's purpose and a list of topics to be discussed. A "Trending" sidebar on the right lists "Alerts", "Air Quality", "Daily Air Quality Forecast", "Forms", and "Air Alert". The left sidebar contains navigation links for "About", "Governing Board", "Calendar", "Programs", "Library", "Permits", "Forms", "Tools", "Regulations", "Contact", "Careers", and "Grants & Bids".



Complaint Response

SCAQMD compliance staff continue to:

- Respond to community complaints alleging Sunshine Canyon Landfill as the source of trash and/or landfill gas odors
- Take enforcement action against Sunshine Canyon Landfill when the District is able to verify odors from the landfill are creating a public nuisance to a considerable number of people.





LA City Toxics Monitoring Study

- **Contract with Sonoma Technology, Inc.**
- **Two Sites:**
 - **Sunshine Canyon Landfill**
 - **Van Gogh Elementary School**
- **Measurements**
 - **Black Carbon**
 - **Particulate Matter (PM10)**
 - **Meteorology**
 - **Gas Phase Air Toxics: Started early July 2016**
- **Quarterly and Annual Reports (posted on LA City Website)**



Proposed Order for Abatement (OA) Hearing Schedule

- **August 27 (Saturday) to be held at 9:00 AM at:
Valley Academy of Arts & Sciences in Granada Hills.**
 - Parties allowed 20 minute opening statements and remainder of the day will be dedicated to public testimony
- **September 6, 7, and 8 to be held at 9:00 AM at:
District Headquarters in Diamond Bar and webcast.**
- **September 10 (Saturday) to be held at 9:00 AM at:
Valley Academy of Arts & Sciences in Granada Hills.**



Interagency Coordination in Developing OA Conditions

- **South Coast Air Quality Management District (SCAQMD)**
- **Sunshine Canyon Landfill-Local Enforcement Agency (SCL-LEA)**
- **Los Angeles County Department of Public Works**
- **Los Angeles County Department of Regional Planning**
- **City of Los Angeles Department of City Planning**
- **City of Los Angeles Bureau of Sanitation**



Proposed Approach – Combination of Best Practices for Odor Mitigation

- **Curtailment in daily operations**
- **Maximize reductions in landfill gas (LFG) odors**
 - Daily and intermediate cover
 - Leachate and LFG collection system improvements
 - Increased surface emissions monitoring
 - Verify improved LFG collection efficiency & identify areas to promptly implement mitigation
- **Enhanced well maintenance measures**
 - Dewatering, Integrity Testing, Repairs
- **Improve practices to reduce fresh trash odors**
 - Unloading and Departure at landfill
 - Improvements to Republic-owned transfer stations that deliver trash to the landfill
- **Assess feasibility of installing physical barriers and or dust/odor containment structures at the landfill to disperse/control odors**



OA Process and Evidentiary Burdens

- **OA is contested at this time**
 - **Proceedings will require District to prove that landfill is causing a public nuisance**
- **District will need to demonstrate that OA conditions being sought will mitigate and abate the odor nuisance**
- **OA proceedings do not determine any penalty against the landfill**
- **District will resolve any nuisance enforcement actions taken against the landfill separately from these proceedings**



Public Participation in OA Process

- **Public will have opportunity to testify regarding their experience of living near the landfill**
- **Public testimony is encouraged and may include comments on proposed OA conditions and suggestions or changes**
- **Public may be asked questions as part of their testimony by the Hearing Board, the District, or by Republic**